INDEX

Alfredsson, P. H. & Johansson, A. V. On the detection of turbulence-generating events, 325–345

Ayyaswamy, P. S. *See* Chung, Ayyaswamy & Sadhal

Benmoussa, C. *See* Mei & Benmoussa

Bradshaw, P. *See* Wood & Bradshaw

Chung, J. N., Ayyaswamy, P. S. & Sadhal, S. S. Laminar condensation on a moving drop. Part 1. Singular perturbation technique, 105–130

Chung, J. N., Ayyaswamy, P. S. & Sadhal, S. S. Laminar condensation on a moving drop. Part 2. Numerical solutions, 131–144

Corcos, G. M. & Lin, S. J. The mixing layer: deterministic models of a turbulent flow. Part 2. The origin of the three-dimensional motion, 67–95

Corcos, G. M. & Sherman, F. S. The mixing layer: deterministic models of a turbulent flow. Part 1. Introduction and the two-dimensional flow, 29–65

Dijksman, J. F. Hydrodynamics of small tubular pumps, 173–191

Doligalski, T. L. & Walker, J. D. A. The boundary layer induced by a convected two-dimensional vortex, 1–28

Feuillebois, F. Sedimentation in a dispersion with vertical inhomogeneities, 145–171

Homsy, G. M. & Meiburg, E. The effect of surface contamination on thermocapillary flow in a two-dimensional slot, 443–459

Homsy, G. M. *See* Park & Homsy

Ilegbusi, J. O. & Spalding, D. B. A steady–unsteady visualization technique for wake-flow studies, 435–441

Jeffrey, D. J. & Onishi, Y. Calculation of the resistance and mobility functions for two unequal rigid spheres in low-Reynolds-number flow, 261–290

Jenkins, D. R. & Proctor, M. R. E. The transition from roll to square-cell solutions in Rayleigh–Bénard convection, 461–471

Johansson, A. V. *See* Alfredsson & Johansson

Koster, J. N. & Müller, U. Oscillatory convection in vertical slots, 363–390

Lewellen, W. S. *See* Sykes, Lewellen & Parker

Lin, S. J. *See* Corcos & Lin

Lundberg, P. & Rahm, L. A nonlinear convective system with oscillatory behaviour for certain parameter regimes, 237–260

Mei, C. C. & Benmoussa, C. Long waves induced by short-wave groups over an uneven bottom, 219–235

Meiburg, E. *See* Homsy & Meiburg

Morikawa, Y. *See* Tsuji, Morikawa & Shiomi

Müller, U. *See* Koster & Müller

Onishi, Y. *See* Jeffrey & Onishi

Park, C.-W. & Homsy, G. M. Two-phase displacement in Hele Shaw cells: theory, 291–308

Parker, S. F. *See* Sykes, Lewellen & Parker

INDEX

Alfredsson, P. H. & Johansson, A. V. On the detection of turbulence-generating events, 325–345

Ayyaswamy, P. S. *See* Chung, Ayyaswamy & Sadhal

Benmoussa, C. *See* Mei & Benmoussa

Bradshaw, P. *See* Wood & Bradshaw

Chung, J. N., Ayyaswamy, P. S. & Sadhal, S. S. Laminar condensation on a moving drop. Part 1. Singular perturbation technique, 105–130

Chung, J. N., Ayyaswamy, P. S. & Sadhal, S. S. Laminar condensation on a moving drop. Part 2. Numerical solutions, 131–144

Corcos, G. M. & Lin, S. J. The mixing layer: deterministic models of a turbulent flow. Part 2. The origin of the three-dimensional motion, 67–95

Corcos, G. M. & Sherman, F. S. The mixing layer: deterministic models of a turbulent flow. Part 1. Introduction and the two-dimensional flow, 29–65

Dijksman, J. F. Hydrodynamics of small tubular pumps, 173–191

Doligalski, T. L. & Walker, J. D. A. The boundary layer induced by a convected two-dimensional vortex, 1–28

Feuillebois, F. Sedimentation in a dispersion with vertical inhomogeneities, 145–171

Homsy, G. M. & Meiburg, E. The effect of surface contamination on thermocapillary flow in a two-dimensional slot, 443–459

Homsy, G. M. *See* Park & Homsy

Ilegbusi, J. O. & Spalding, D. B. A steady–unsteady visualization technique for wake-flow studies, 435–441

Jeffrey, D. J. & Onishi, Y. Calculation of the resistance and mobility functions for two unequal rigid spheres in low-Reynolds-number flow, 261–290

Jenkins, D. R. & Proctor, M. R. E. The transition from roll to square-cell solutions in Rayleigh–Bénard convection, 461–471

Johansson, A. V. *See* Alfredsson & Johansson

Koster, J. N. & Müller, U. Oscillatory convection in vertical slots, 363–390

Lewellen, W. S. *See* Sykes, Lewellen & Parker

Lin, S. J. *See* Corcos & Lin

Lundberg, P. & Rahm, L. A nonlinear convective system with oscillatory behaviour for certain parameter regimes, 237–260

Mei, C. C. & Benmoussa, C. Long waves induced by short-wave groups over an uneven bottom, 219–235

Meiburg, E. *See* Homsy & Meiburg

Morikawa, Y. *See* Tsuji, Morikawa & Shiomi

Müller, U. *See* Koster & Müller

Onishi, Y. *See* Jeffrey & Onishi

Park, C.-W. & Homsy, G. M. Two-phase displacement in Hele Shaw cells: theory, 291–308

Parker, S. F. *See* Sykes, Lewellen & Parker

Petrykowski, J. C. & Walker, J. S. Liquid-metal flow in a rectangular duct with a strong non-uniform magnetic field, 309–324

Proctor, M. R. E. *See* Jenkins & Proctor

Rahm, L. *See* Lundberg & Rahm

Sadhal, S. S. *See* Chung, Ayyaswamy & Sadhal

Sherman, F. S. *See* Corcos & Sherman

Shiomi, H. *See* Tsuji, Morikawa & Shiomi

Spalding, D. B. *See* Ilegbusi & Spalding

Sykes, R. I., Lewellen, W. S. & Parker, S. F. A turbulent-transport model for concentration fluctuations and fluxes, 193–218

Taylor, A. M. K. P. & Whitelaw, J. H. Velocity characteristics in the turbulent near wakes of confined axisymmetric bluff bodies, 391–416

Tsuji, Y., Morikawa, Y. & Shiomi, H. LDV measurements of an air–solid two-phase flow in a vertical pipe, 417–434

Vanden-Broeck, J.-M. Nonlinear gravity–capillary standing waves in water of arbitrary uniform depth, 97–104

Walker, J. D. A. *See* Doligalski & Walker

Walker, J. S. *See* Petrykowski & Walker

Whitelaw, J. H. *See* Taylor & Whitelaw

Wood, D. H. & Bradshaw, P. A turbulent mixing layer constrained by a solid surface. Part 2. Measurements in the wall-bounded flow, 347–361